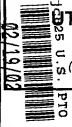



02/21/02

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 35 U.S. PRO 02/19/02	UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity) (Only for new nonprovisional applications under 37 CFR 1.53(b))	Docket No. 6504-1232	 35 U.S. PRO 02/19/02
		Total Pages in this Submission 118	
TO THE ASSISTANT COMMISSIONER FOR PATENTS Box Patent Application Washington, D.C. 20231			
Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:			
METHOD AND APPARATUS FOR THE MANUFACTURE OF PIPES OF THERMOPLASTICS WITH TRANSVERSE PROFILE FEATURES			
and invented by:			
DR. - ING RALPH PETER HEGLER			
If a CONTINUATION APPLICATION , check appropriate box and supply the requisite information:			
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____			
Which is a:			
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____			
Which is a:			
<input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____			
Enclosed are:			
Application Elements			
1. <input checked="" type="checkbox"/> Filing fee as calculated and transmitted as described below			
2. <input checked="" type="checkbox"/> Specification having <u>17</u> pages and including the following:			
a. <input checked="" type="checkbox"/> Descriptive Title of the Invention			
b. <input type="checkbox"/> Cross References to Related Applications (if applicable)			
c. <input type="checkbox"/> Statement Regarding Federally-sponsored Research/Development (if applicable)			
d. <input type="checkbox"/> Reference to Microfiche Appendix (if applicable)			
e. <input checked="" type="checkbox"/> Background of the Invention			
f. <input checked="" type="checkbox"/> Brief Summary of the Invention			
g. <input checked="" type="checkbox"/> Brief Description of the Drawings (if drawings filed)			
h. <input type="checkbox"/> Detailed Description			
i. <input checked="" type="checkbox"/> Claim(s) as Classified Below			
j. <input checked="" type="checkbox"/> Abstract of the Disclosure			

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
6504-1232

Total Pages in this Submission
118

Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*

a. ☒ Formal b. ☐ Informal Number of Sheets 4

4. ☒ Oath or Declaration

a. ☒ Newly executed *(original or copy)* ☐ Unexecuted

b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*

c. ☒ With Power of Attorney ☐ Without Power of Attorney

d. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application,
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

☐ Incorporation By Reference *(usable if Box 4b is checked)*

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.

☐ Computer Program in Microfiche

☐ Genetic Sequence Submission *(if applicable, all must be included)*

a. ☐ Paper Copy

b. ☐ Computer Readable Copy

c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☐ Assignment Papers *(cover sheet & documents)*

9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*

10. ☐ English Translation Document *(if applicable)*

11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Acknowledgment postcard

14. ☒ Certificate of Mailing

☐ First Class ☒ Express Mail *(Specify Label No.):* EL 874 025 307 US

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
6504-1232

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118

Accompanying Application Parts (Continued)

15. ☒ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: _____
17. ☐ Additional Enclosures *(please identify below)*:

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

- ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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20061201 16162007

UTILITY PATENT APPLICATION TRANSMITTAL

(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
6504-1232

Total Pages in this Submission
118

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	12	- 20 =	0	x \$9.00	\$0.00
Indep. Claims	2	- 3 =	0	x \$42.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$370.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$370.00

- ☒ A check in the amount of \$370.00 to cover the filing fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge and credit Deposit Account No. 12-0913 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated:

Feb 19, 2002

Signature

Robert F.L. Conte
Registration No. 20,354
Lee, Mann, Smith, McWilliams, Sweeney, & Ohlson
209 S. LaSalle Street, Suite 410
Chicago, IL 60604-1202
(312) 368-1300
(312) 368-0034 (FAX)

CC:

Please acknowledge
receipt of the
enclosed.

Inventor: Dr. - Ing. Ralph Peter Hegler

Title: Method and Apparatus for the Manufacture of
Pipes of Thermoplastics with Transverse Profile
Features

SERIAL NO: To Be Assigned

FILE DATE: Herewith

1. Patent Application
2. Certificate of Express Mail EL84025307US
3. Return Post Card
4. Check # 48014 in the amount of \$370.00
5. 4 Sheets of Formal Drawings
6. Power of Attorney
7. Information Disclosures Statement and
Copies of IDS Citations
8. Extra Copy of Formal Drawings (4 sheets)

DUE DATE (If Any): _____

DATE SENT: February 19, 2002

JBC/tld

"Express Mail" mailing label number

EL 874 025 307 US

Date of deposit: February 19, 2002

I hereby certify that this paper or fee is being deposited with
the United States Postal Service "Express Mail Post Office
to Addressee" service under 37 CFR 1.10 on the date indi-
cated above and is addressed to the Assistant Commissioner
for Patents, Washington DC 20231

Jorge Galvan

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

